

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	508/154.ccls. and detergent and emulsifier and lubricity and antioxidant and fungicide and extreme pressure and (antirust or anti rust) and co-surfactant and coupling agent and alkali	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/21 10:55
L3	1	detergent and emulsifier and lubricity and antioxidant and fungicide and extreme pressure and (antirust or anti rust) and co-surfactant and coupling agent and alkali	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/21 10:56
L4	1	detergent and emulsifier and lubricity and antioxidant and fungicide and extreme pressure and (antirust or anti rust) and co-surfactant and coupling agent and alkali	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/03/21 10:56
S1	18	singh.in. and alkylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:02
S2	2	singh.in. and alkylate near4 heavy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:00
S3	8	anand.in. and alkylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:02
S4	3	gupta.in. and alkylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:02
S10	1	(Industrial Research).asn. and alkylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:06

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S11	2278	(Industrial Research).asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:06
S12	5	(Industrial Research).asn. and alkyl benzene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:07
S13	1032	alkyl benzene and (emulsifier or sodium suoonate or sodium carboxylate or sodium oleate or triethalonamine or diethalonoamine or dodecyl toluene sodium sulfonate) and (vegetable oil or karanja oil or neem oil or ricebran oil castor oil) and (antioxidant or alkyl phenol or aromatic amine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:51
S14	1037	alkyl benzene and (emulsifier or sodium suoonate or sodium carboxylate or sodium oleate or triethalonamine or diethalonoamine or dodecyl toluene sodium sulfonate) and (vegetable oil or karanja oil or neem oil or ricebran oil castor oil) and (antioxidant or alkyl phenol or aromatic amine or 2, 6-ditertiary butyl phenyl or 2, 6-ditertiary p-cresol or diphenylamine or tertiary butyl phenol amino tetrazole or 2, 6-dioctyl phenylene diamine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:45
S15	67	(fungicide or o-cresol or m-cresol or cresylic acid or phenolic acid or phenol acid) and (dibenzyl disulfide or (sulfurized near3 vegetable oil) or phosphosulfurized decyl oleate molybdate or phosphothio pentadecyl phenyl molybdate or extreme pressure) and (antirust or benzotriazole or ditertiary butylate benzotriazole or calcium petroleum sulfonate or calcium heavy alkylate sulfonate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:47

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S16	13209	(co-surfactant or isopropanol or n-butanol or isobutanol or iso-amyl alcohol or ethyl hexanol or diethylene glycol or triethylene glycol) and (coupling agent or ligno sulfonate or petroleum sulfonate or sodium dodecyl benzene sulfonate or sodium lauryl sulfate) and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:49
S17	2	S16 and S15 and S14 and S13	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:51
S18	4352	benzene and (emulsifier or sodium suoonate or sodium carboxylate or sodium oleate or triethalonamine or diethalonamine or dodecyl toluene sodium sulfonate) and (vegetable oil or karanja oil or neem oil or ricebran oil castor oil) and (antioxidant or alkyl phenol or aromatic amine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:51
S19	2	S16 and S15 and S14 and S18	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 10:52
S20	0	(benzene or alkyl near3 benzene) and emulsifier and lubricity booster and antioxidant and fungicide and extreme pressure and antirust and co-surfactant and coupling agent and (alkali metal or alkaline earth metal)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 15:41
S21	3995	alkyl benzene	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:53
S22	244	alkyl benzene and (lubricate or lubricant or lubricating)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/02 10:54
S23	4	alkyl benzene near5 heavy and (lubricate or lubricant or lubricating)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/03 13:22
S24	14	alkyl benzene near5 heavy and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 11:01
S25	1	alkyl benzene near5 heavy and 508/154.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/02 11:01

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S26	1	(benzene or alkyl near3 benzene) and emulsifier and lubricity booster and antioxidant and fungicide and extreme pressure and antirust and co-surfactant and coupling agent and (alkali metal or alkaline earth metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:22
S27	10	alkyl near5 benzene same heavy and (lubricate or lubricant or lubricating)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/03 13:23
S28	279	alkyl near5 benzene same heavy and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:23
S29	255	alkyl near5 benzene same heavy and (lubricate or lubricant or lubricating) and (metal or metalworking)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:23
S30	200	alkyl near5 benzene same heavy same wt and (lubricate or lubricant or lubricating) and (metal or metalworking)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:24
S31	36	alkyl near5 benzene same heavy same wt and (lubricate or lubricant or lubricating) and (metal or metalworking) and antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:24
S32	14	alkyl near5 benzene same heavy same wt and (lubricate or lubricant or lubricating) and (metal or metalworking) and antioxidant and extreme pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:35
S33	1	("6187981").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 13:31
S34	0	alkylbenzene same heavy same wt and (lubricate or lubricant or lubricating) and (metal or metalworking) and antioxidant and extreme pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 13:35
S35	10	alkylbenzene same heavy and (lubricate or lubricant or lubricating) and (metal or metalworking) and antioxidant and extreme pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 14:18
S36	867	(lubricate or lubricant or lubricating) and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same wt	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/03 14:20

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S37	23	(lubricate or lubricant or lubricating) and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same wt same emulsifier	USPAT	ADJ	ON	2006/10/03 15:43
S38	5	(lubricate or lubricant or lubricating) and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 13:35
S39	45	(lubricate or lubricant or lubricating) and (sodium sulfonate or sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:03
S40	84	(lubricate or lubricant or lubricating) and (karanja oil or neem oil or ricebran oil or castor oil) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:13
S41	0	(lubricate or lubricant or lubricating) and (karanja oil or neem oil or ricebran oil or castor oil) same lubricity booster same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:04
S42	143	(lubricate or lubricant or lubricating) and (2,6-ditertiary butyl phenyl or 2, 6-ditertiary p-cresol or diphenylamine or tertiary butyl phrnl amino tetrazole or 2,6-dioctyl phenylene diamine) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:15
S43	41	(lubricate or lubricant or lubricating) and (2,6-ditertiary butyl phenyl or 2, 6-ditertiary p-cresol or diphenylamine or tertiary butyl phrnl amino tetrazole or 2,6-dioctyl phenylene diamine) same (ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:15

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S44	21	(lubricate or lubricant or lubricating) and (2,6-ditertiary butyl phenyl or 2, 6-ditertiary p-cresol or diphenylamine or tertiary butyl phrnl amino tetrazole or 2,6-dioctyl phenylene diamine) same (ppm) same antioxidant and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:27
S45	80	(lubricate or lubricant or lubricating) and (2,6-ditertiary butyl phenyl or 2, 6-ditertiary p-cresol or diphenylamine or tertiary butyl phrnl amino tetrazole or 2,6-dioctyl phenylene diamine) same (wt) same antioxidant and internal combustion engine	USPAT	ADJ	ON	2006/10/03 16:40
S46	17	(lubricate or lubricant or lubricating) and (o-cresol or m-cresol or cresylic acid or phenol acid or penolic acid) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 13:45
S47	5	(lubricate or lubricant or lubricating) and (dibenzyl disulfide or sulfurized vegetable oil or phosphosulfurized decyl oleate molybdate or phosphothio pentadecyl phenol molybdate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 13:49
S48	369	(lubricate or lubricant or lubricating) and (1h-benzotriazole or ditertiary butylated 1h-benzotriazole or calcium petroleum sulfonate or n-butanol, or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or di ethylene glycol or diethylene glycol or tri ethylene glycol or triethylene glycol) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 09:00
S49	2	(lubricate or lubricant or lubricating) and (1h-benzotriazole or ditertiary butylated 1h-benzotriazole or calcium petroleum sulfonate or n-butanol, or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or di ethylene glycol or diethylene glycol or tri ethylene glycol or triethylene glycol) same (antirust or anti rust) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/03 17:00

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S50	416	(lubricate or lubricant or lubricating) and (isopropanol or n-butanol or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or diethylene glycol or di ethylene glycol or triethylene glycol or tri ethylene glycol) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 09:06
S51	70	(lubricate or lubricant or lubricating) and (1h-benzotriazole or ditertiary butylated 1h-benzotriazole or calcium petroleum sulfonate or calcium heavy alkylate sulfonate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 09:01
S52	0	(lubricate or lubricant or lubricating) and (isopropanol or n-butanol or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or diethylene glycol or di ethylene glycol or triethylene glycol or tri ethylene glycol) same (wt or ppm) same co-surfactant and internal combustion engine	USPAT	ADJ	ON	2006/10/04 14:11
S54	80	(lubricate or lubricant or lubricating) and (isopropanol or n-butanol or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or diethylene glycol or di ethylene glycol or triethylene glycol or tri ethylene glycol) near9 (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 09:59
S55	116	(lubricate or lubricant or lubricating) and (ligmo sulfonate or petroleum sulfonate or sodium dodecyl benzene sulfonate or sodium lauryl sulfate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 10:02
S56	143	(lubricate or lubricant or lubricating) and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate) same (wt or ppm) and internal combustion engine	USPAT	ADJ	ON	2006/10/04 10:03
S57	291	(lubricate or lubricant or lubricating) and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 15:57

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S58	30	(lubricate or lubricant or lubricating) and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same (wt or ppm) same (advantage or property or properties or benefit or beneficial or improved or improve)	USPAT	ADJ	ON	2006/10/04 13:38
S59	7	(lubricate or lubricant or lubricating).ti. and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 13:41
S60	1	(lubricate or lubricant or lubricating).ti. and (sodium carboxylate or sodium oleate or triethalonoamine oleate or diethalonoamine or dodecyl toluene sodium sulfonate) same emulsifier	USPAT	ADJ	ON	2006/10/04 13:41
S61	487	(lubricate or lubricant or lubricating) and (o-cresol or m-cresol or cresylic acid or phenol acid or penolic acid) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 13:46
S62	12	(lubricate or lubricant or lubricating).ti. and (o-cresol or m-cresol or cresylic acid or phenol acid or penolic acid) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 13:46
S63	34	(lubricate or lubricant or lubricating).ab. and (dibenzyl disulfide or sulfurized vegetable oil or phosphosulfurized decyl oleate molybdate or phosphothio pentadecyl phenol molybdate) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 13:50
S64	195	(lubricate or lubricant or lubricating).ab. and (isopropanol or n-butanol or isobutanol or iso-amyl near4 alcohol or ethyl hexanol or diethylene glycol or di ethylene glycol or triethylene glycol or tri ethylene glycol) near9 (wt or ppm)	USPAT	ADJ	ON	2006/10/04 14:58
S65	371	(lubricate or lubricant or lubricating) and (sodium sulfonate) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 15:57
S66	90	(lubricate or lubricant or lubricating) and (sodium sulfonate) near9 (alkyl or alkylated) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:03

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S67	4	(lubricate or lubricant or lubricating) and (phenol acid or phenolic acid) near9 (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:04
S68	20	(lubricate or lubricant or lubricating) and (phenol acid or phenolic acid) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:06
S69	447	(lubricate or lubricant or lubricating) and (fungicide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:06
S70	447	(lubricate or lubricant or lubricating) and (fungicide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:06
S71	23	(lubricate or lubricant or lubricating).ab. and (fungicide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/05 12:10
S72	270	(lubricate or lubricant or lubricating).ab. and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:14
S73	69	(lubricate or lubricant or lubricating).ab. and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) near9 (wt or ppm)	USPAT	ADJ	ON	2006/10/04 16:25
S74	1	"5178782".pn.	USPAT	ADJ	ON	2006/10/04 16:25
S75	447	(lubricate or lubricant or lubricating) and (fungicide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/05 12:10
S76	10254	(lubricate or lubricant or lubricating) and (o-cresol or phenol or m-cresol or cresylic acid or phenol acid or phenolic acid) same (wt or ppm)	USPAT	ADJ	ON	2006/10/05 12:11
S77	1404	(lubricate or lubricant or lubricating) and (o-cresol or phenol or m-cresol or cresylic acid or phenol acid or phenolic acid) same (wt or ppm) same additive	USPAT	ADJ	ON	2006/10/05 12:11
S78	296	(lubricate or lubricant or lubricating).ti. and (o-cresol or phenol or m-cresol or cresylic acid or phenol acid or phenolic acid) same (wt or ppm) same additive	USPAT	ADJ	ON	2006/10/05 12:11
S79	79	(lubricate or lubricant or lubricating).ti. and (o-cresol or phenol or m-cresol or cresylic acid or phenol acid or phenolic acid) near9 (wt or ppm) same additive	USPAT	ADJ	ON	2006/10/05 12:19

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S80	24	(lubricate or lubricant or lubricating) and (o-cresol or phenol or m-cresol or cresylic acid or phenol acid or phenolic acid) same (wt or ppm) same fungicide	USPAT	ADJ	ON	2006/10/05 12:32
S81	8883	(lubricate or lubricant or lubricating) and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) same (wt or ppm)	USPAT	ADJ	ON	2006/10/05 12:33
S82	1163	(lubricate or lubricant or lubricating) and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) same (wt or ppm) same additive	USPAT	ADJ	ON	2006/10/05 12:34
S83	0	(lubricate or lubricant or lubricating) and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) same (wt or ppm) same additive and "508".ccls.	USPAT	ADJ	ON	2006/10/05 12:34
S84	27	(lubricate or lubricant or lubricating).ti. and (sodium carbonate or sodium hydrogen carbonate or calcium carbonate or calcium oxide) same (wt or ppm) same additive	USPAT	ADJ	ON	2006/10/05 12:56
S85	163	heavy fraction and (alkylbenzene or alkyl benzene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 12:56
S86	34	heavy fraction same (alkylbenzene or alkyl benzene)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 12:56